

ELECTRIC DRIVE UNIT

Abstract

The invention relates to an electric drive unit having an electric motor, a gear, a gear housing, and a pole housing.

5 Both housings in a prior art have until now still been produced separately and then joined together.

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10 A number of parts of the electric drive unit (1) of the invention and the production cost are both reduced by the integral embodiment of the gear housing (5) and pole housing (10) and by injecting the short-circuit element (36) and magnet (32) into the pole housing (10). Such an electric drive unit (1) is used in windshield wiper motors or control motors in the automotive field.